

FIG. 1A

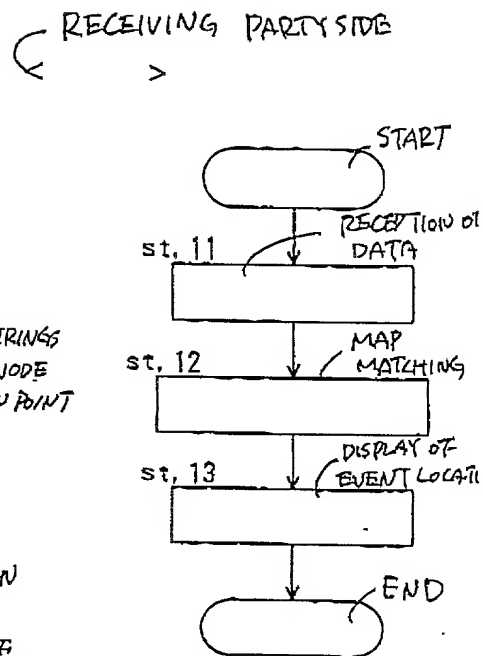
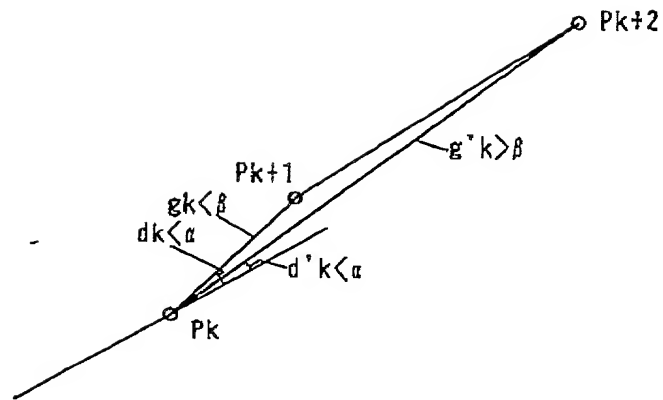
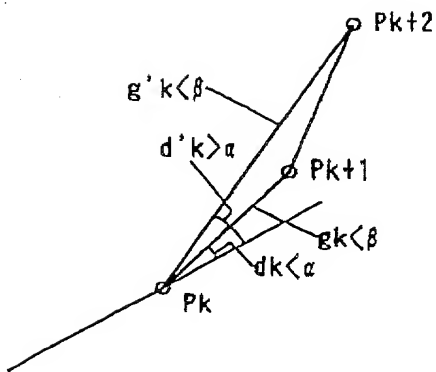


FIG. 1B





# THEORY

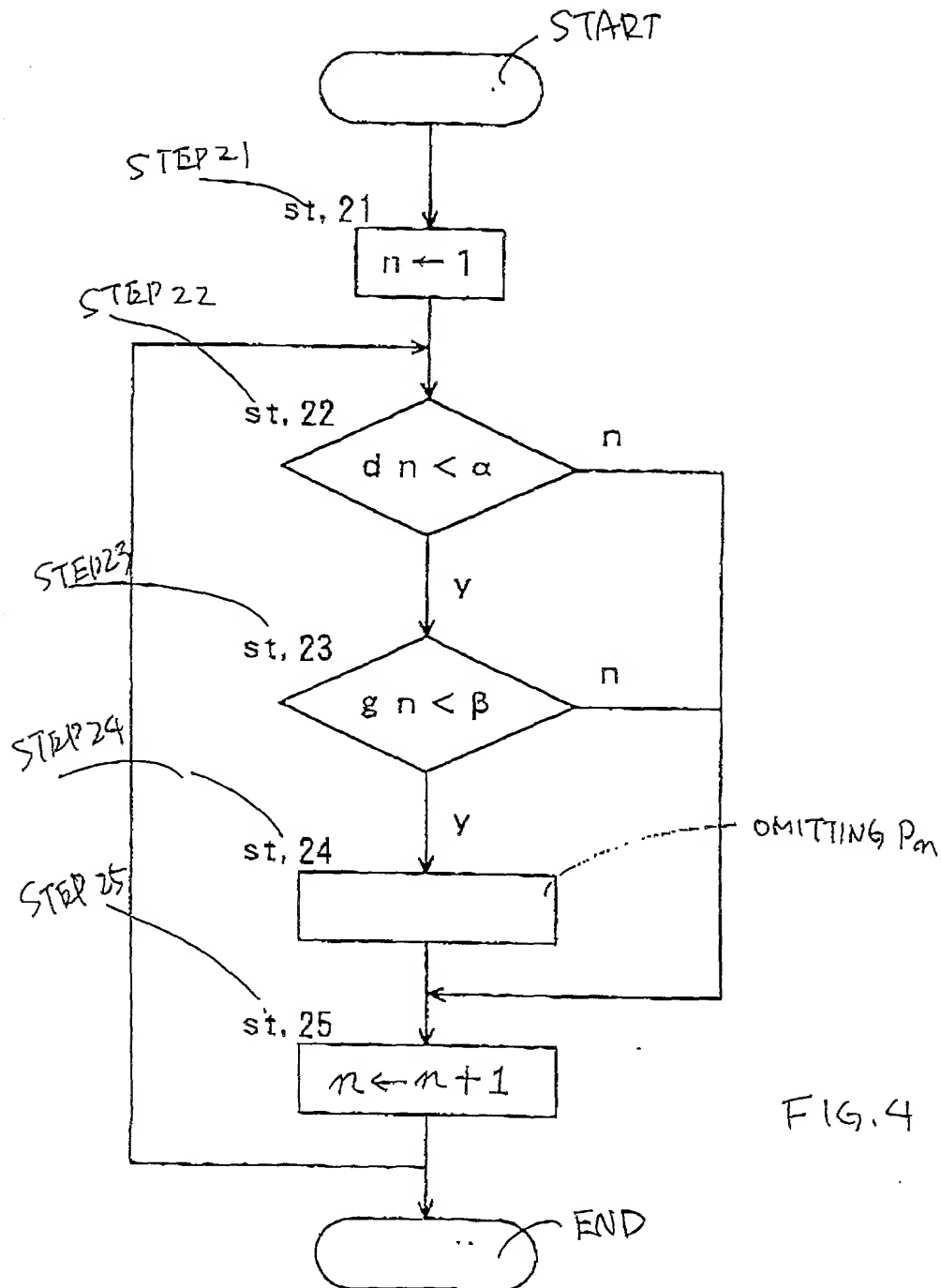


FIG. 4

NODE STRING  
INFORMATION

TOTAL NUMBER OF NODES $n$
NODE NUMBER P 1
LONGITUDE
LATITUDE
NODE NUMBER P 2
RELATIVE COORDINATE $x_2$
RELATIVE COORDINATE $y_2$
}
NODE NUMBER P $n$
RELATIVE COORDINATE $y_n$
RELATIVE COORDINATE $y_n$

## ADDITIONAL INFORMATION

ROAD TYPE CODE
ROAD NUMBER
NUMBER OF CROSSING INFORMATION ITEMS
NODE NUMBER P 2
NUMBER OF CONNECTING LINKS TO P2 (12)
ANGLE 1 OF CONNECTING LINKS TO P2
}
ANGLE 12 OF CONNECTING LINKS TO P2
NODE NUMBER P 6
NUMBER OF CONNECTING LINKS TO P2 (16)
ANGLE 1 OF CONNECTING LINKS TO P6
}
ANGLE 16 OF CONNECTING LINKS TO P6

EXPRESSWAY, NATIONAL  
HIGHWAY

NATIONAL HIGHWAY 246

FIG 5A

FIG 5B

20250403 14:54:00

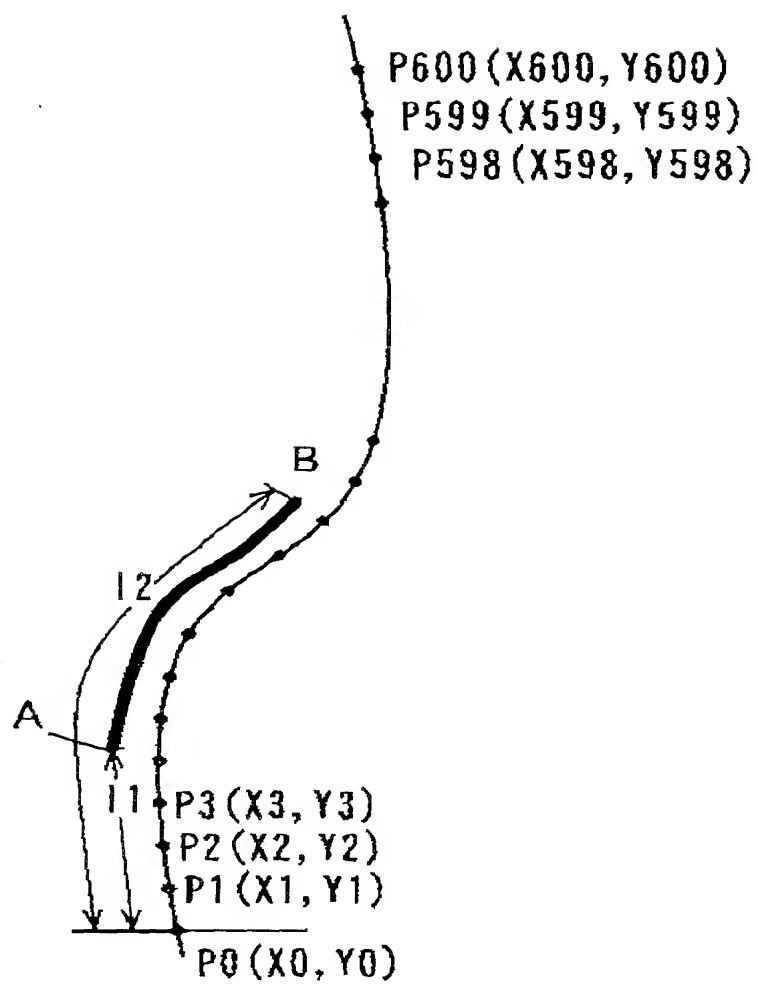


FIG. 6

10075164-021402

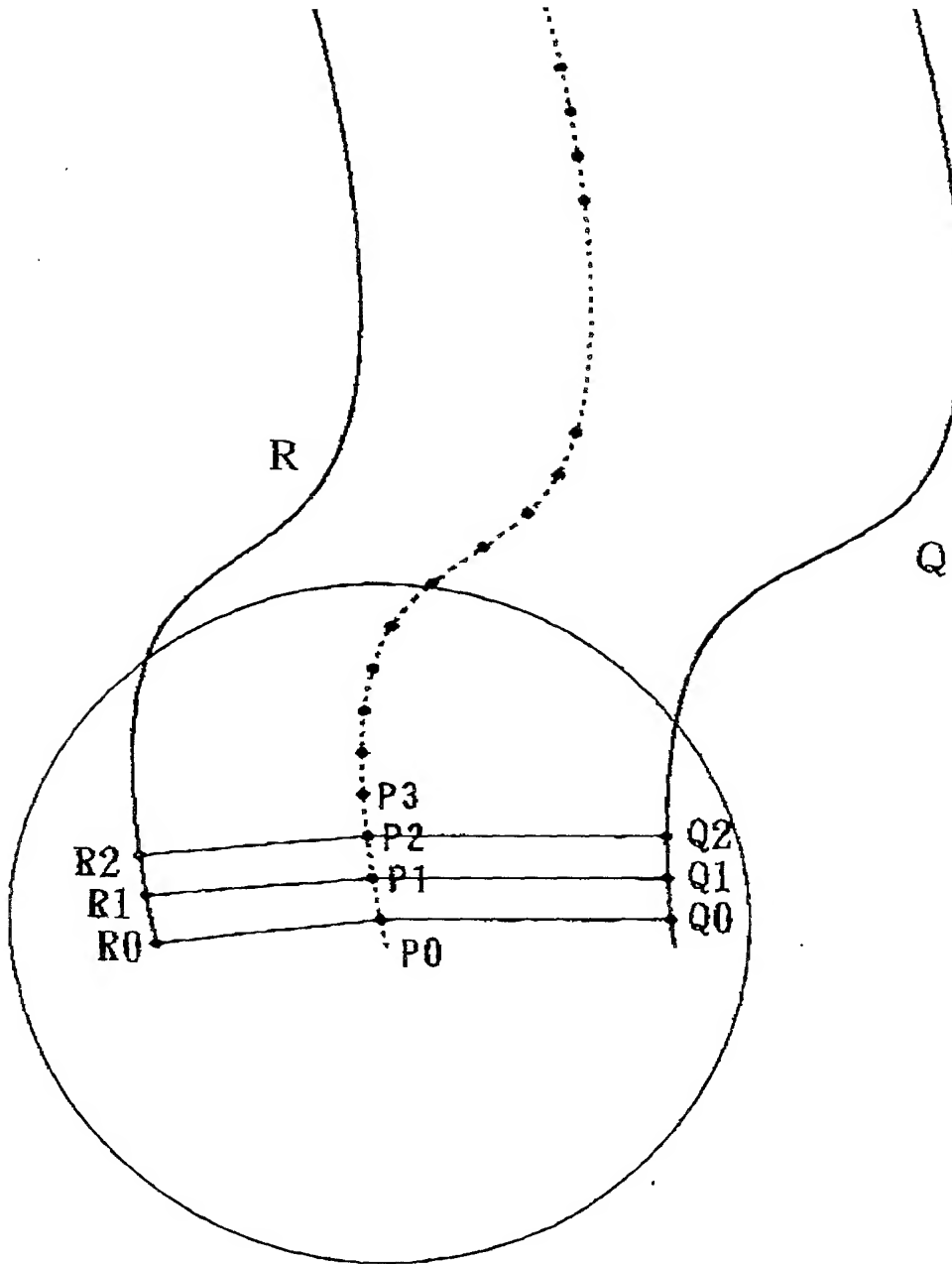


FIG. 7

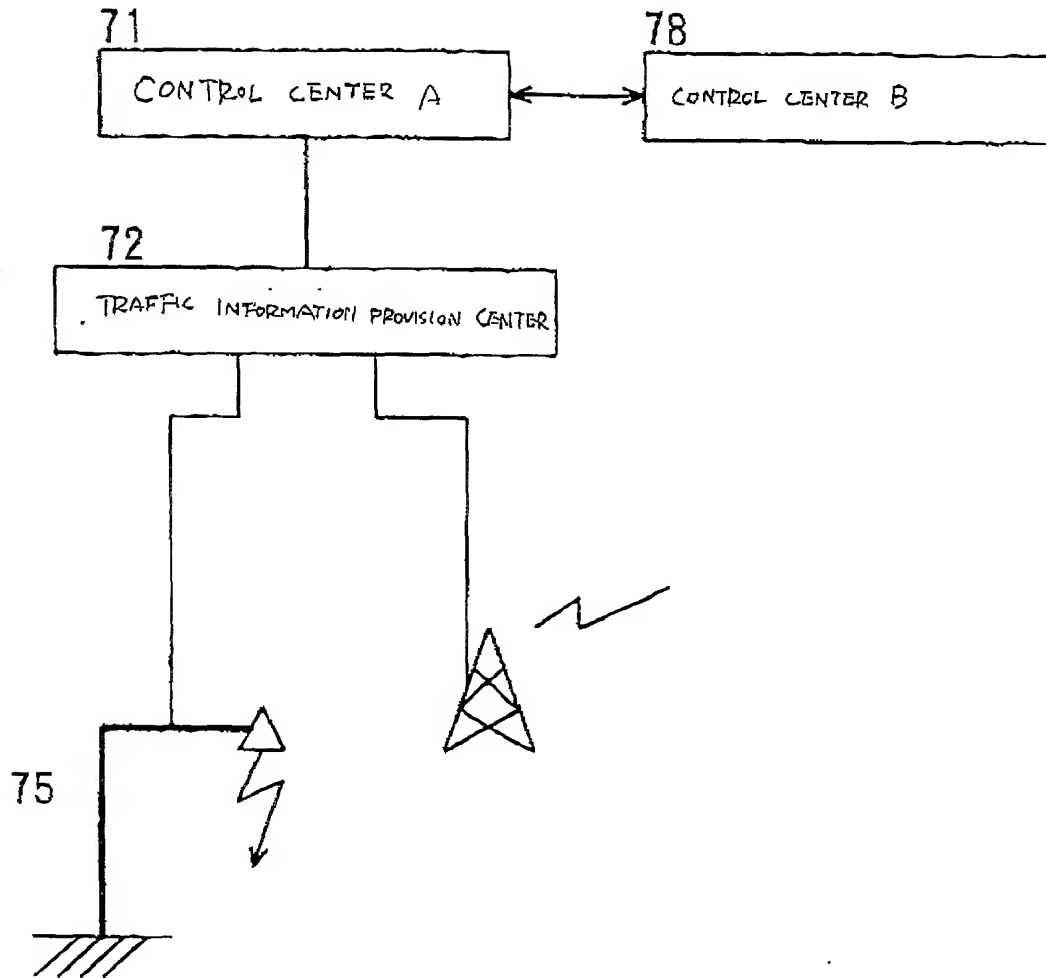


FIG. 8



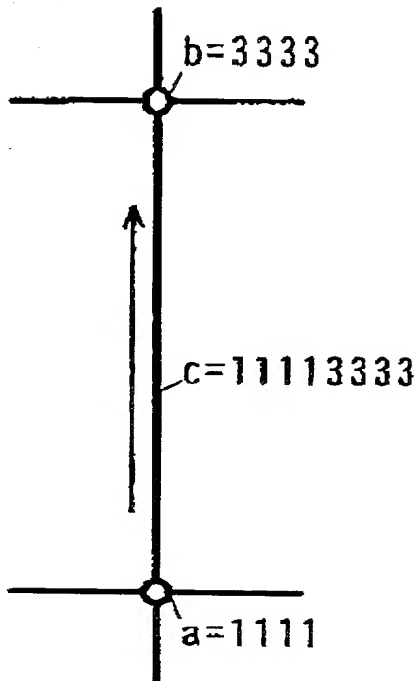


FIG. 9A

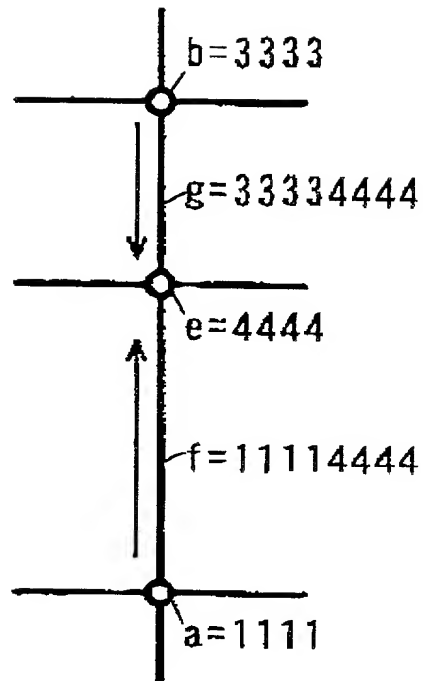


FIG. 9B

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